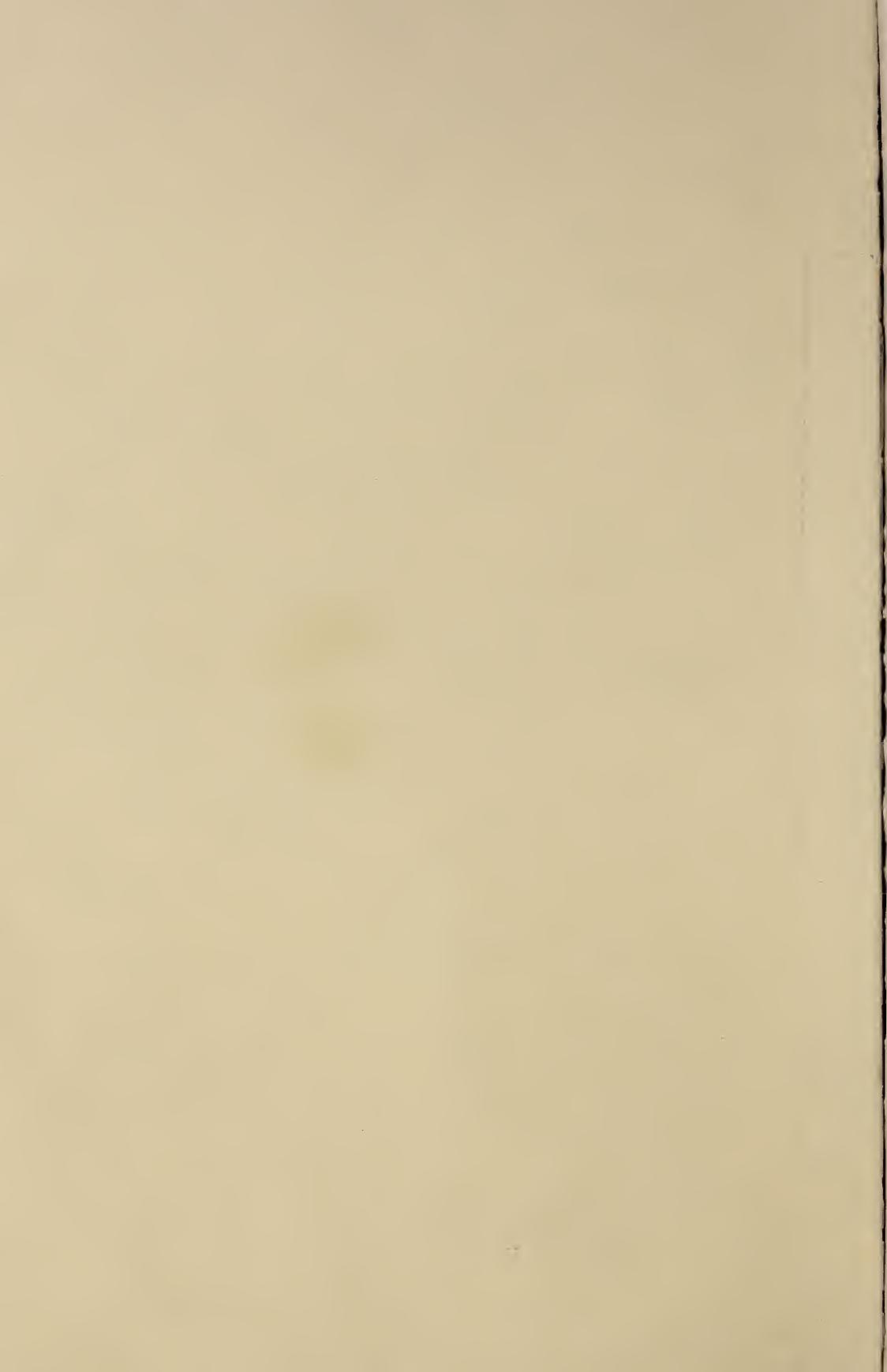


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1920

CATALOG and PRICE LIST

Fruit Trees  
*and* Plants

Ornamental Trees  
Shrubs, Vines, Etc.

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CALL'S NURSERIES  
PERRY, OHIO

"WE GROW TREES AND TREES THAT GROW"

# TERMS---PLEASE READ

1. Please send in your orders early. First orders will, as far as practicable, be served first.
2. We usually commence shipping in the Spring, about the first of April, and in the Fall, about October 15.
3. Write your name, post office and shipping address very plainly to avoid any mistake.
4. Always state in your order whether you will allow us to substitute in case we are out of any variety. All articles will be labelled true to name; not a single plant shall, intentionally, be otherwise sent out.
5. Parties not familiar with all the new varieties of fruits, who wish our assistance in making their selection of varieties, can send the number of early and late varieties, sweet or sour, which they wish, and we will give all such orders our personal attention and furnish the best varieties grown. In such case, if you have plenty of some varieties growing, state what you have growing, and we will give you a fine assortment of other varieties.
6. Prices herein given are for stock well packed, f. o. b. Perry, Ohio. The expense of packing a small order is nearly as much as a large one; hence we cannot accept an order for less than \$3.00.
7. We advise having all small orders shipped by Express, as express rates on Nursery stock have been greatly reduced. On orders of 100 trees or more, the freight per tree is usually about  $\frac{1}{2}$ c to 1c.
8. TERMS—Our terms are cash. In ordering goods C. O. D., ONE-FOURTH the amount of the bill must accompany the order. Parties ordering C. O. D. must pay express charges for return of the money.

Planters requiring a large amount of stock, need not send all the money with the order. You can send enough to secure the order, and the balance any time before shipment.

5 or more trees of any variety are sold at 10 rates.  
25 or more trees of any variety are sold at 100 rates.  
250 or more trees of any variety are sold at 1000 rates.

## CLUB ORDERS

If your order amounts to \$20.00 or more, you may select all stock at 100 or the lowest rates quoted. Get some of your friends or neighbors to join with you in ordering and take advantage of this offer. If the order is for more than one person, by giving the stock wanted for each one, we will so pack it that each can have it separate, although all are shipped in one box or bale.

## Guarantee

We exercise the greatest care and give our personal attention to cutting buds and scions and packing your orders, but with all precautions mistakes sometimes occur. We hold ourselves in readiness, at all times, to replace on proper proof, any tree, plant or shrub that may prove untrue to name; but it is mutually agreed between ourselves and purchaser, that our guarantee shall in no case make us liable for any sum greater than that originally paid for the trees or plants that prove untrue. We guarantee, furthermore, that any tree, plant, or shrub we send out to be alive and in good growing condition.

WE GUARANTEE SATISFACTION

**PLEASE USE THIS SHEET IN ORDERING**

# CALL'S NURSERIES—PERRY LAKE COUNTY OHIO

**Your Name**

## Post-Office

County

**State** \_\_\_\_\_

## How to be sent

Name Exp. or Frt. Office

**IMPORTANT.** Always write your name and address very plain.

AMOUNT ENCLOSED

Post-Office Order \$  
or Express

Draft - - - \$

Cash By registered letter \$

**Total**

**MAILING LIST.**

We wish to revise and correct our mailing list. When you are sending your order, if you will kindly send us the names and addresses of five or more of the best farmers in your section, who are interested fruit growing, we will not only send them our price list, but will add to your order, FREE OF CHARGE one fruit tree or shrub of good variety (our selection of varieties) as a compensation for your trouble. These premiums will only be shipped when they can be packed with your other orders.

# This Is Our Traveling Salesman

## A Word With Our Customers

IT is with pleasure that we hand to you, this, our 1920 Price Catalog. We hope this you will find many things of interest to you in it. We have not "boomed" any single plant creation for our own profit, but have listed only varieties we grow and know to be hardy and worthy of culture in the North Central States. We do not propose to waste any space in our Catalog showing you highly colored and exaggerated pictures of new and untried varieties which have not been proved to be worthy of planting. We prefer to put the extra money it would cost us to hire an expert catalog writer and do this, into the growing and handling of our stock. We have found this to be much more profitable to our customers as well as to ourselves. Every illustration in this Catalog is from an actual photograph and they will not mislead you in trying to make you believe you will get more than we are able to give you.

Our trees are all hardy and well matured. They stand transplanting much better than those which have been grown on hot, damp bottom lands, which are sometimes offered by some nurserymen. It has always been our aim to personally supervise the raising of every Tree and Shrub that we send out. We are exceedingly careful in obtaining our buds and scions, for in this one thing alone are we sure in getting trees true to name. When you buy trees from us you may be sure of the very best quality with good roots and not only true to name, but also the highest standard of that name.

We know that many nurseries offer stock at lower prices than ours. Some offer to pay the freight and offer every inducement to get your money. If you are looking for cheap stock, regardless of quality, do not send your orders here. If you wish the very best at reasonable prices, we shall be only too glad to receive your orders. We will fill your orders with the finest selected stock, packed in the best possible manner to carry any distance, and give it as much attention as could be given it were you here to attend to it yourself.

To those not acquainted with us, we wish to state that we have been in the Nursery business here in Perry since 1877. We have always dealt direct with planters. We employ no agents and send out no traveling salesmen, except this Price-Catalog. We have nearly Two Hundred Acres devoted to this business and our location (within one and one-half miles of Lake Erie), climate and soil are ideal for the successful propagation of all kinds of hardy Fruit and Ornamental Trees, Shrubs, and Plants. Perry is located about thirty miles east of Cleveland on The New York Central R. R., The N. Y. C. & St. L. R. R. and Cleveland, Painesville & Eastern R.R. We have every facility for the successful growing and handling of stock. We are located in the midst of one of the best fruit belts in the United States and are not bothered with plant diseases of any kind.

Never has there been a better time to plant Fruit Trees and Plants than now. Chiefly on account of the high prices of grains, live stock, etc., fruit tree planting has suffered with the result that the supply is rapidly diminishing. Prices of fruit are raising, due to this decreased supply. We know that the man who plants fruit trees NOW, is the man who in a very short time will be realizing handsomely on his small investment.

**ABOUT SHIPMENTS.** We believe that Express and Freight service will be much better this season than for the last two seasons. All perishable products such as ours will have prompt attention. Please remember that we pack stock so that it will carry any distance and it may be on the road for two or three weeks or longer and not to suffer to any extent whatsoever. If through any unreasonable delay, your stock does not reach you in time to plant, we will duplicate your order or return the amount sent to us. You take no chances in dealing with an old reliable concern such as ours.

We shall be pleased to give you any advice or help you select varieties of Fruit or Trees and Shrubs for beautifying your home grounds.

We are interested in every tree we sell, for in their success depends our success. Our oldest customers are our warmest friends.

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Owing to the high cost of labor, scarcity of Seedling stock and other conditions, we have been compelled to advance our prices, which has been only consistent with our increased expenses. We advise our friends and customers who contemplate buying tree shrubs and berry plants, to do so now, as the future gives no promise of a reduction in prices.

# CARE OF TREES AND PLANTS

WHEN the Trees are received from the nursery, they should be examined and cared for at once. Do not delay. If they all cannot be set at once, the bundles should be opened and the trees separated, and heeled in the ground, so the moist soil will thoroughly cover the roots and exclude all air from them. Do not at any time expose the roots to the sun or air longer than is absolutely necessary. If they are dried from long exposure, bury them entirely in the ground or place them in water from twelve to twenty-four hours before planting.

Before any holes are dug, the land should be thoroughly plowed and the soil finely pulverized. It is best to have the field marked out and stakes driven where each tree is going to be set, so the trees will be absolutely in line. If the trees are to be set in the lawn or where the ground cannot be plowed, spade the ground for at least three feet in diameter and eighteen inches deep.

Just before planting, examine all the roots carefully and cut to a smooth surface any bruised or extra long roots with a sharp knife or pruning shears. It is best to trim all the roots somewhat.

The hole should be sufficiently large to admit all the roots without bruising or cramping and deep enough so the trees will stand one or two inches deeper than they stood in the nursery row. After the tree is placed in the hole, fill the hole about half full of top soil, then tramp down firmly. The top three or four inches of soil should not be tramped too firmly. Large or tall trees should be staked so the wind will not loosen the roots. If the soil is very dry, water should be poured into the hole after the hole is half filled with soil, then the dry soil should be placed on top.

Mulching with fine barnyard manure, sawdust, grass, weeds, or straw around the tree after it is set, not only helps shade the ground, but enriches the soil. Mulching keeps the soil from drying out and often spells the difference between success and failure when planting trees and shrubs.

Peach trees should be cut back from twenty-four to thirty-six inches from the ground and the side branches should all be cut off excepting four or five near the top and these should be cut back, leaving one or two buds on each branch to insure one good branch to form one of the four or five main or scaffold branches of the tree. Apples, cherries, pears, plums and quinces should be cut back to about four branches and these in turn should be cut back at least one-half. In all cases, avoid leaving branches where they will form crotches.

If these brief directions are carefully followed, OUR trees will all grow.

## DISTANCES FOR PLANTING

## NUMBER OF TREES TO AN ACRE

Apples .....	30 to 36 feet apart each way.	30 feet apart each way.....	50
Cherries .....	18 to 20 feet apart each way.	20 feet apart each way.....	110
Peaches .....	16 to 18 feet apart each way.	18 feet apart each way.....	135
Pears .....	18 to 20 feet apart each way.	16 feet apart each way.....	170
Plums .....	16 to 20 feet apart each way.	10 feet apart each way.....	435
Grapes .....	8 to 10 feet apart each way.	8 feet apart each way.....	680
Currants .....	4 to 6 feet apart each way.	6 feet apart each way.....	1210
Gooseberries ..	4 to 6 feet apart each way.	5 feet apart each way.....	1742
Raspberries ..	3 to 4 by 5 to 7 feet each way.	4 feet apart each way.....	2723
Blackberries ..	3 to 4 by 5 to 7 feet each way.	3 feet apart each way.....	4840
Strawberries ..	1 by 3½ to 4½ feet each way.		

**Rule.** Multiply the distance in feet between the rows by the distance the plants are apart in the rows and the product will be the number of square feet for each plant; which, divided into the number of feet in an acre (43,560), will give the number of trees to the acre.

## Certificate of Nursery Inspection

No 70.

Columbus, Ohio, August 30, 1919.

THIS IS TO CERTIFY, That the nursery stock for sale by CALL'S NURSERIES, of Perry, County of Lake, State of Ohio, consisting of General Nursery Stock, has been inspected by a duly authorized inspector, in compliance with Section 1124, General Code, and has been found apparently free from dangerously injurious insects and plant diseases.

Valid until September 15, 1920, unless revoked.

(Signed) BOARD OF AGRICULTURE OF OHIO,

E. C. COTTON,  
Chief of Bureau.

N. E. SHAW,  
Secretary of Agriculture.

WE GUARANTEE SATISFACTION

# CALL'S NURSERIES, PERRY, OHIO

## APPLES

APPLES grow well on any good soil, not too wet. Rough, hilly portions of the farm, when planted to apple trees, often become the most productive parts of the farm. Our trees are grown here in our nurseries and no stronger, better rooted or better matured trees are to be had. We have described only the leading varieties, but we grow and can supply any variety of merit. By making a judicious selection, you can have apples nearly the whole year.

### PRICES OF APPLE TREES

	Each	Per 10	Per 100
First-class, XX extra .....	\$0.80	\$7.50	\$70.00
First-class, 5 to 7 feet .....	.65	6.00	55.00
First-class, 4 to 5 feet .....	.60	5.50	50.00

### SUMMER APPLES

✓ **Golden Sweet.** Large; yellow; sweet and tender. A good grower and very productive. August.

✓ **Red Astrachan.** Large; deep crimson; good quality. A popular and productive early market variety. July.

✓ **Sweet Bough.** Large; yellow and very sweet. Extra good for dessert. Regular bearer. August.

✓ **Yellow Transparent.** Medium-size; white; tender and juicy. Bears in from two to four years. July.

### AUTUMN APPLES

✓ **Autumn Strawberry.** Medium streaked; tender, juicy, sub-acid, fine; vigorous and productive. September and October.

✓ **Duchess of Oldenburg.** Large; yellow, streaked with red; juicy; very productive. Bears at an early age. Sept.

✓ **Gravenstein.** Very large; striped red; fine quality. Very popular variety. Sept. to Oct.

✓ **Lowell (Greasy Pippin).** Large; bright yellow with oily skin. Rich acid flavor. Sept.

✓ **Maiden Blush.** Medium; smooth; pale yellow with red cheek; tender. Bears at an early age and is very productive. Sept. to Oct.

✓ **Munson Sweet.** Medium-size; yellow with red cheek; good fall sweet apple. Sept.

✓ **Wealthy.** Medium; whitish-yellow, shaded with deep crimson; flesh white; prolific and bears at an early age. This variety bears in the fall and keeps well to Feb. One of the most valuable market varieties grown.

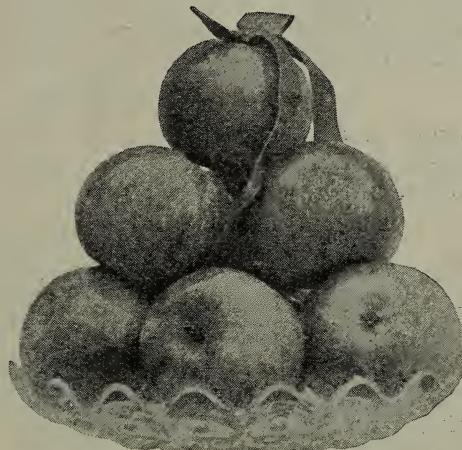
✓ **Western Beauty.** Large; round; yellow shaded with carmine; excellent quality.

### WINTER APPLES

✓ **Bailey Sweet.** Large; oblong; deep red; tender and delicious. Nov. to Feb.

✓ **Baldwin.** Large; bright red; prolific. One of the best and most popular varieties grown. Dec. to March.

✓ **Belmont (Gate).** Good size; yellow; skin somewhat oily; of very high quality and deserves a place in every home orchard.



ASTRACHAN

✓ **Ben Davis.** Medium-size; red striped; rather coarse grained; good market variety; sure cropper. Dec. to April.

✓ **Delicious.** Large; brilliant red; flesh very fine, crisp and highly aromatic. Nov. to March.

✓ **Fameuse (Snow).** Medium; deep crimson skin; flesh snow white, best quality. Nov.

✓ **Grimes' Golden.** Good size; yellow; crisp and juicy. Very productive and of the highest quality. Jan. to April.

✓ **Golden Russet.** Medium-size; dull russet red tinge; tree very hardy and large, sure cropper. Feb. and March.

✓ **Hubbardson Nonesuch.** Large, round, pale red. Flesh tender and crisp. Good grower and bearer and should be widely planted. Comes into bearing early. Nov. to Jan.

✓ **Jonathan.** Medium; yellow with red stripes; flesh white, tender, juicy and rich. One of the best for table and market. Very productive. Nov. to March.

✓ **King.** Very large; red striped; yellow flesh. One of the best Northern varieties. Nov. to Jan.

✓ **McIntosh Red.** Large; deep crimson; very attractive; valuable for home and market. Nov. to April.

## PEACHES—Continued

**Fitzgerald.** Large; bright yellow, covered with red; flesh deep yellow; Canadian origin; very hardy; best quality. Early Sept.

**Gold Drop.** Medium size; golden color, both in flesh and skin, hardy and exceedingly productive; one of the very best canning peaches. Late Sept.

**J. H. Hale.** A widely advertised variety. Growth similar to Alberta. Fruit very large, globular; golden yellow covered with bright carmine. Flesh solid, yellow, excellent flavor. Fairly hardy.

**Lemon Free.** Large; color and shape of lemon; very hardy and productive. We know of no better all-round variety for home use. Sept.

**Prolific.** Large; flesh yellow, fine flavor; hardy and productive. A good orchard variety. Sept.

**Salway.** Large; flesh deep yellow, very rich and sweet. Good for canning and drying. Probably the best late sort. Oct.

**Stump the World.** An excellent late, white, freestone variety. Last of Sept.

**William's Favorite.** A large, handsome and hardy cling variety. Excellent shipper. Sept. 15.

**Yellow St. John.** Large; round; fruit brilliant and showy; flesh yellow, juicy, sweet and fine flavor. One of the very best early varieties. Aug.

## PEARS

**PEARS** succeed best in a rather hard clay soil which will retard somewhat a too rank growth. This luscious fruit should receive more attention on the part of fruit growers. We are describing only the very best varieties. Varieties preceded by a star (\*) can be supplied as dwarf trees. Dwarf pears bear at an earlier age and are very desirable for small gardens, where space does not permit the planting of the standard or larger growing varieties.

## PRICES OF PEAR TREES

	Each	Per 10	Per 100
First-class, 2 year, 5 to 7 feet .....	\$0.75	\$7.00	\$60.00
First-class, 2 years, 4 to 5 feet .....	.60	5.50	50.00
Dwarf, 2 years, 4 to 5 feet.....	.60	5.50	50.00
Dwarf, 2 years, 3 to 4 feet.....	.50	4.50	40.00

## SUMMER PEARS

**\*Bartlett.** Large; smooth; juicy and excellent; good bearer and very desirable. August and Sept.

**\*Clapp's Favorite.** Large; similar to Bartlett in size, color and shape; ripens earlier. Productive. August.

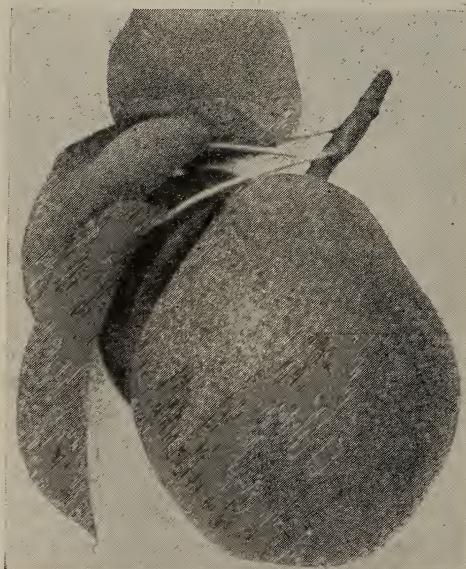
**\*Wilder's Early.** Medium size; melting, sweet and pleasant flavor. One of the best in quality. Good keeping pear; does not rot at the core. Aug. 1.

## AUTUMN PEARS

**\*Buerre d'Anjou.** Large; yellow with red cheek; fine grained; melting and excellent. Best late fall variety. Oct. to Dec.

**\*Duchesse d'Angouleme.** Very large; dull yellow; rich, buttery, juicy and excellent. Does best as a dwarf. Oct. to Nov.

KIEFFER (Sure Bearer)



**PEARS—Continued**

**Flemish Beauty.** Large; greenish-yellow; sweet and rich. Excellent. Sept. and Oct.

**Kieffer.** Very large; handsome; very productive; unexcelled for shipping and keeping. It is one of the best Pears for commercial planting or the home orchard. Probably the most satisfactory pears to plant in this section. Oct. to Dec.

**Lincoln.** Clear yellow with red tinge; size and quality even better than Bartlett, which it resembles. Tree hardy, thrifty, long-lived and blight resistant. Not so

well known or so widely planted as it should be.

**\*Seckle.** Small; yellowish-brown; russeted; very juicy, rich, buttery and fine-grained. One of the highest flavored pears grown. Sept. and Oct.

**\*Worden-Seckle.** Resembles Seckle, but is superior in size, color and shape. Good bearer and keeper.

**WINTER VARIETIES**

**Lawrence.** Medium; light yellow sprinkled with dots; buttery, rich and aromatic. The best Winter variety.

**PLUMS**

**PLUM TREES** will succeed in almost any kind of soil. For home use, the poultry yard is an excellent place to plant plums; the trees furnishing shade and the poultry will pick up many insects.

**PRICES OF PLUM TREES**

	Each	Per 10	Per 100
First-class, 5 to 7 feet .....	\$0.80	\$7.50	\$70.00
First-class, 4 to 5 feet .....	.70	6.00	60.00

**Archduke.** Large; black; prolific; one of the best late plums for home and market. Early Oct.

**Abundance.** Large; yellow; fine quality; hardy and productive. This is a Japanese variety and one of the best. August.

**Bradshaw.** Very large; reddish purple; juicy and pleasant; entire freestone when ripe. Blooms late and seldom fails to bear a full crop. August.

**Burbank.** Medium to large; flesh deep yellow; firm and juicy; fine flavor; small pit. Excellent for table and canning. Bears very young and produces heavy crops. August.

**German Prune.** Medium-size; long; purple; flesh green; sweet; freestone; excellent quality and brings good prices on the market.

**Geuii.** Large; bluish-purple; flesh yellowish-green; sweet. Sept.

**Lombard.** Medium-size; somewhat oval in shape; violet red; juicy, pleasant and good. Very hardy and good. One of the very best varieties to plant. Do not fail to include some of these in your order. August.

**Reine Claude (Bavay's Green Gage).** Very large; greenish-yellow; fine flavor. Not surpassed in quality, beauty and size. Sept.



**GEUII PLUMS**

**Shipper's Pride.** Dark purple, large size fruit, fine for canning, unusual good keeper.

**Shropshire Damson.** Small; oval; dark blue; flesh very firm, green. Best for preserving. Oct.

**Wickson.** Very large; long; heart-shape; deep maroon red; flesh firm, meaty, rich, yellow, rich and aromatic. Good grower and shipper; an excellent Japanese market variety. Early Sept.

**Yellow Egg.** Very large; oval; deep golden; a showy market plum; excellent for canning.

## QUINCES

**Q**UINCE trees can be planted on low, damp heavy soils where other fruits do not thrive. They require little attention and are very profitable for market. No home garden is complete without a few quince trees.

### PRICES OF QUINCE TREES

	Each	Per 10
Angers, 2 years, 4 to 5 feet.....	\$.65	\$6.00
Angers, 2 years, 3 to 4 feet.....	.60	5.00
Champion and Orange, 2 years, 4 to 5 feet.....	.85	8.00
Champion and Orange, 2 years, 3 to 4 feet.....	.80	7.00

✓ Angers. A free bearer of good size fruit, which keeps well.

✓ Champion. Good bearer; very large; good keeper; very productive. Bears extremely young. ✓ Orange (Apple). Large; bright golden yellow; excellent flavor. Fine for domestic use. The standard variety. Oct.

## MULBERRIES

**V**ALUABLE for shade and ornamental trees as well as for fruit. Birds are very fond of the fruit, and for this reason Mulberry trees are often planted near cherry orchards for birds will leave cherries alone if they can obtain Mulberries.

### PRICES OF MULBERRY TREES

	Each	Per 10
Downing, Everbearing, 3 to 4 feet.....	\$.80	\$7.00
Russian, 5 to 6 feet.....	.60	5.00
Russian, 3 to 4 feet.....	.50	4.00

✓ Downing's Everbearing. Fruit very large, black, handsome and best quality. Bears abundantly for three months in a year. ✓ Russian. Very hardy and a rapid grower. Fruit small, but produced in abundance; varies from white to black.

## NUT TREES

	Each	Per 10
American Chestnut, 4 to 5 feet.....	\$.60	\$5.00
American Chestnut, 5 to 6 feet.....	.85	7.50
American Chestnut, 6 to 8 feet.....	1.00	9.00
Japan Chestnut, 2 to 3 feet.....	.85	7.50

American Sweet Chestnut. Native Chestnut. Our trees are grown from selected large nuts.

Japan Chestnut. Dwarf grower; very productive; bears nuts of immense size at an early age.



## THE SMALL FRUITS

### RASPBERRIES

WILL do well on any good corn land. Keep well cultivated and free from weeds. As soon as the berries are all picked, cut out all the old canes, so the young shoots will grow vigorously for the next season's crop. Below is a list of the very best varieties.

#### PRICES OF RASPBERRIES

	Per 10	Per 100	Per 1000
Cuthbert, Cumberland, Kansas and Plum Farmer.....	\$0.65	\$4.50	\$35.00
Columbian, Gregg and St. Regis	.75	6.50	45.00

#### BLACK VARIETIES

Cumberland. Very vigorous; immense cropper; fruit very large, firm, excellent quality. Fine shipper and most profitable mid-season variety.

Kansas. Strong grower; stands drought very well; berries large, good quality. A good early variety.

✓ PLUM FARMER. Good bearer; thick meated, firm, excellent quality. Crop matures in a short period. One of the best varieties.

#### RED AND PURPLE VARIETIES

Columbian. Purplish color, rather soft, of excellent color; excellent flavor and unrivaled for canning, making jams, etc. Enormously productive.

Cuthbert. Very large; rich crimson, firm, sweet, rich. Leading red market variety.

✓ St. Regis Everbearing. A new variety whose main crop is equal to that of any other variety and one which bears fruit on the young shoots all summer until October. Color bright crimson; large, sweet; flesh meaty and very firm; a good shipper and very prolific.

### BLACKBERRIES

For best results, plant in soil that does not dry out. Care should be exercised, however, not to plant in soil that is too wet or soggy. Keep the ground well cultivated or mulched so the moisture in the soil will be conserved. Prune same as Raspberries.

#### PRICES OF BLACKBERRIES

	Each	Per 10	Per 100
Blower, Eldorado and Mersereau, strong root-cutting plants....	\$0.15	\$1.00	\$8.00

✓ Blower. One of the hardiest; enormously productive; highest quality; large; jet black and good shipper.

Eldorado. Very vigorous and hardy; berries very large; jet black, ripen together, very sweet, no core; excellent shipper and keeper. The leading variety.

✓ Mersereau. Strong grower; hardy; productive, berries very large, fine quality, brilliant black, rich, sweet and unsurpassed as a shipper and keeper.

## STRAWBERRIES

**T**HREE are several hundred varieties of Strawberries listed in the various nursery catalogs, consequently an endless amount of confusion has resulted when the buyer tried to select varieties for his plantings. We have listed varieties which we know to be worthy of culture in this section of the United States.

Strawberry land should be thoroughly plowed and enriched with good manure before any plants are set out. After the plants are set out, keep the ground well cultivated and free from weeds. In winter, after the ground is frozen, the plants should be mulched with straw or other coarse litter to prevent the spring thaws from lifting the plants out of the ground. Do not cover the plants too deep and be sure to remove the mulch before the plants start to grow.

Varieties marked (P) are perfect flowering, while those marked (I) are imperfect flowering, and a row of perfect flowering plants should be set within fifteen feet of them to insure perfect pollination.

**DIP THE PLANTS IN WATER AS SOON AS RECEIVED** and bury the roots in shady ground **AT ONCE** until ready to set out.

### PRICES ON STRAWBERRIES

	Per 25	Per 100	Per 1000
All Varieties .....	\$0.40	\$0.90	\$7.00
Superb, Progressive and other fall bearers.....	.50	1.75	14.00

### EXTRA EARLY

\*Excelsior (P), Michel's Early (P).

### MEDIUM EARLY

Haverland (I), Jessie (P), \*Marshall (P),  
\*Sen. Dunlap (P), Warfield (I).

### MEDIUM LATE

\*Bubach (I), \*Glen Mary (P), \*Parson's  
Beauty (P).

### LATE

\*Brandywine (P), \*Sample (I), Steven's  
Late (P), \*Wm. Belt (P).

Varieties starred (\*) are considered by leading Strawberry growers as being the very best for home and market. We have several other varieties and if you cannot find any variety you desire in this list, we can probably supply it. Our plants are heavy, well rooted plants and we know how to pack them to reach you in first-class condition and live.



SEN. DUNLAP

**Progressive Fallbearing.** This is the most vigorous grower of the fall bearers. Resembles Sen. Dunlap to some extent. Fair flavor and immense cropper when ripened in good sunny weather.

**Superb Fallbearing.** Plants are ideal growers. During the first year, most of the runners should be removed. This variety does best when planted and grown in hills. Berries are large, dark red, glossy and most beautiful of the fall bearers. Excellent flavor. Fair cropper. Bears from June until frosts come.

## CURRENTS

CURRENTS do best when planted in rich ground; cultivated well or mulched heavily. The old wood should be pruned out each year after the third year so the remaining shoots will have room to grow. Currants are easily cultivated, stand neglect well and respond liberally to generous cultivation. They are indispensable for table use, jellies, jams, etc.

### PRICES OF CURRENTS

	Each	Per 10	Per 100
Black Victoria, 2 years.....	\$0.25	\$2.25	\$20.00
Fay's Prolific, 2 years.....	.30	2.50	22.00
Perfection, 2 years.....	.40	3.50	.....
Red Cross, 2 years.....	.30	2.50	22.00
White Grape, 2 years.....	.30	2.50	22.00
Wilder, 2 years.....	.30	2.50	22.00

**Black Victoria.** Vigorous grower; fruit enormous, fine flavor, best and largest black currant.

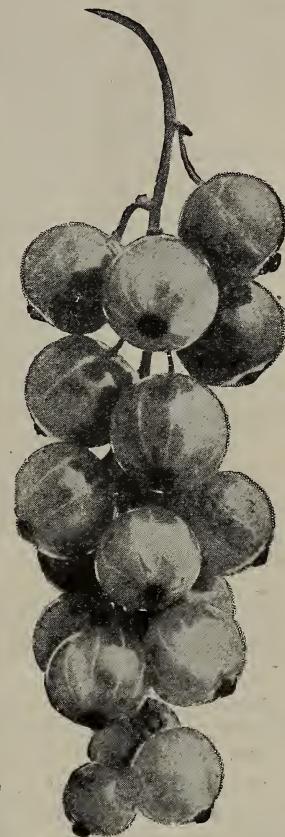
**Fay's Prolific.** One of the best. Berries large and uniform, fine quality; stems extra long, easily picked; very prolific.

**Perfection Currant.** Larger than the Fay, the berries holding their size to the end of the bunch, very prolific, bright red in color.

**Red Cross.** Very large; clusters long; berries red and of same size to the end of the stem. The sweetest currant and excellent for home or market.

**White Grape.** Yellowish white; sweet and mild.

**Wilder.** The strongest grower and one of the most productive. Bunches and berries very large; bright, attractive red color. We recommend this variety for any purpose.



PERFECTION CURRENT

## GOOSEBERRIES

SHOULD be planted in good rich soil and fertilized every year. Regular pruning is essential for the production of good fruit. The red varieties are more susceptible to mildew than the green and should be grown in partial shade.

### PRICES ON GOOSEBERRIES

	Each	Per 10	Per 100
Downing, 2 years.....	\$0.30	\$2.50	\$22.00
Houghton, 2 years.....	.25	2.25	20.00
Josselyn, 2 years.....	.40	3.50	.....

**Downing.** Very vigorous; fruit large, oval, whitish green; very valuable for home or market.

**Houghton.** Very productive; fruit medium, round, smooth; pale red; tender, sweet and delicious flavor. Seldom mildews. The best red variety for home or market.

**Josselyn Gooseberries.** Large size, hardy and of excellent flavor and high grade fruit.

## GRAPES

**G**RAPE VINES do well trained up to the side of any building or along the garden. Grapes are very profitable for certain localities and they are so easily grown and bear at such an early age and the plants are so inexpensive that they should receive greater attention. We are in the center of one of the finest grape belts in the United States and are in a position to supply the finest plants. Any one contemplating planting grapes in large quantities will profit by communicating with us.

### PRICES ON GRAPES

		Each	Per 10	Per 100
Agawam,	2 years.....	\$0.25	\$2.25	.....
Brighton	2 years.....	.25	2.25	.....
Campbell's Early,	2 years.....	.25	2.25	.....
Catawba,	2 years.....	.25	2.25	.....
Concord,	2 years.....	.25	2.25	\$20.00
Concord	1 year.....	.20	1.85	18.00
Diamond,	2 years.....	.25	2.25	.....
Moore's Early,	2 years.....	.25	2.25	.....
Moyer,	2 years.....	.25	2.25	.....
Niagara,	1 year.....	.25	2.00	.....
Niagara,	2 years.....	.25	2.25	.....
Worden,	2 years.....	.25	2.25	.....

### BLACK

**Campbell's Early.** Extremely early; bunch and berry large; seeds few and small; very juicy and sweet. Best early black grape.

**Concord.** Bunch and berry very large; color blue-black. Very hardy and productive. Probably the best all-round grape grown.

**Moore's Early.** Two weeks earlier than Concord; bunch large; berry very large, black. Extremely hardy.

**Worden.** Earlier than Concord; berries larger and of better quality; very vigorous, hardy and productive. Good table grape.

### RED

**Agawam.** Berries very large and sweet; pulp soft; thick skin; ripens early and a vigorous grower. One of the best all-round red varieties.

**Brighton.** Berries large, round, excellent flavor and quality. One of the earliest.

**Catawba.** Coppery-red, vinous and rich.

### WHITE

**Diamond.** Ripens before Moore's Early; large, rich yellow-white, juicy berries; few seeds.

**Niagara.** The standard white grape for home and market. Pale yellow; flesh tender and sweet; skin thin but tough. An excellent shipper.

## ASPARAGUS

For field culture make the rows four feet apart and plant about eighteen inches in the row. For small beds, plant two feet apart each way. Plant in furrows from twelve to fifteen inches deep; cover about three inches at first; then as plant starts, fill the trench gradually. A bed once started is good for several years.

### PRICES ON ASPARAGUS

	Per 100	Per 1000
Columbian Mammoth White, 2 years.....	\$1.00	\$8.50
Conover's Colossal, 2 years.....	.80	7.50

**Columbian Mammoth White.** Strong, vigorous grower; very large white shoots that usually remain white as long as they are fit for use.

**Conover's Colossal.** The standard variety. Large, tender and excellent quality.

## RHUBARB

The soil for Rhubarb should be very rich and deep. Rhubarb requires no attention except an occasional dressing with manure.

We have an excellent strain of Linneaus Rhubarb. It is early, large, tender and much better in quality than the Rhubarb generally offered.

	Each	Per 10	Per 100
Price .....	\$0.20	\$1.00	\$7.50



EUROPEAN SYCAMORE (Oriental Plane Tree)

## ORNAMENTAL DEPARTMENT

A VERY small outlay of time and money, with a careful selection of Ornamental Trees and Shrubs, will add beauty and comfort to the home and increase its value many fold.

Please do not compare our trees and shrubs to the ill-shaped and cheap trees sometimes offered to the public for the purpose of getting rid of them. Each tree and shrub that we offer is carefully grown, dug and packed, and we solicit your patronage, knowing that you will be quick to appreciate high class, well-shaped ornamental stock.

We regret that space will permit us to give only very brief descriptions of Ornamentals, but we grow many other ornamentals than those listed herein. Should you desire any other variety of tree or shrub or any other sizes than those given, we can probably supply you with same and any inquiries will receive our careful and prompt personal attention.

### DECIDUOUS ORNAMENTAL TREES

**Ash, American White** (*Fraxinus americana*). Rapid grower; broad, round head; smooth, gray bark; bluish-green foliage. Magnificent Avenue tree.

	Each	Per 10
6 to 8 feet.....	\$0.80	\$7.00
8 to 10 feet .....	1.00	8.50

**Catalpa, Western** (*Catalpa speciosa*). A large rapid-growing tree, widely planted both as an ornamental tree and for timber. Large heart-shaped leaves and white flowers with yellow and purple spots.

	Each	Per 10
6 to 8 feet.....	\$0.75	\$6.50
8 to 10 feet.....	.90	8.50

**Catalpa bungei** (Umbrella Tree). Leaves large, dark green, lying like shingles on a roof. Forms a dense umbrella-shaped head. Very unique and a valuable lawn tree.

	Each	Per 10
5 to 6 feet.....	\$1.25	\$10.00
6 to 8 feet.....	1.75	15.00

**Crab, Bechtel's Double Flowering.** Medium-size, hardy tree which when in bloom appears to be covered with small roses of a delicate pink shade. Exceedingly fragrant.

	Each	Per 10
3 to 4 feet.....	\$1.25	\$10.00

## DECIDUOUS ORNAMENTAL TREES—Continued



NORWAY MAPLE

**Elm, American** (*Ulmus americana*). A large, stately tree with long and graceful branches. Leaves dark green, turning pale in autumn. Excellent for lawn and landscape. One of the grandest trees.

	Each	Per 10
6 to 8 feet.....	\$0.80	\$7.50
8 to 10 feet.....	.90	8.50
10 to 12 feet.....	1.00	9.00
12 to 14 feet.....	1.75	15.00

We have American Elm in all sizes up to 4 inches in diameter.

**Horse Chestnut, White** (*Aesculus hippocastanum*). Large, handsome tree; dark green leaves; magnificent spikes of white flowers which appear in May. One of the best lawn trees.

	Each	Per 10
6 to 8 feet.....	\$1.75	\$15.00
8 to 10 feet.....	2.25	20.00

We have Horse Chestnut in all sizes up to 5 inches in diameter.

**Magnolia acuminata** (*Cucumber Tree*). A fine pyramidal tree with upright branches. Leaves oblong, bright green, turning yellow in autumn. A valuable shade tree.

	Each	Per 10
6 to 8 feet.....	\$1.75	\$15.00

**Maple, Norway** (*Acer platanoides*). Handsome tree with wide spreading branches, and a compact, round head. Leaves smooth, bright green. A splendid

lawn tree. We cannot recommend this tree too highly. We have made this tree a specialty and nurserymen and planters all over the United States know and buy our Norway Maples. We can furnish any size up to 4 inches in diameter.

	Each	Per 10
6 to 8 feet.....	\$1.25	\$10.00
8 to 10 feet.....	1.50	12.50
1½ inch diameter.....	1.75	15.00
2 inch diameter.....	3.00	25.00
2½ inch diameter.....	4.50	40.00

**Maple, Silver** (*Acer dasycarpum*). A large tree with wide spreading and drooping branches. Leaves bright green above, silvery white beneath, turning pale in autumn. It is a very rapid growing tree and desirable where immediate shade is desired.

	Each	Per 10
6 to 8 feet.....	\$0.70	\$6.00
8 to 10 feet.....	.85	8.00
10 to 12 feet.....	1.50	12.50

We will be pleased to quote on larger sizes.

**Maple, Schwedlerii**. A beautiful variety of the Norway Maple with leaves of bright crimson color, changing to purplish green late in the autumn. One of the most valuable trees for contrast in foliage.

	Each
8 to 10 feet.....	\$2.50
10 to 12 feet.....	3.50

**Prunus Pissardi** (Purple-leaf Plum). Handsome adornment for the lawn. This little tree has deep purple leaves which retain their color until fall. In spring, it is covered with fine white flowers followed by wine-red fruit.

	Each
4 to 5 feet.....	\$0.75

**Sycamore, European** (Oriental Plane). Erect growing, wide spreading tree; bright green, heart-shaped leaves; beautiful mottled trunk. This tree is extensively used for park and street planting as well as for shade for the lawn. It is a healthy, fast growing tree; we consider it the best all-round fast growing tree for this part of the country.

	Each	Per 10
6 to 8 feet.....	\$0.75	\$7.00
8 to 10 feet.....	.80	7.50
10 to 12 feet.....	1.50	12.50

We shall be glad to quote on larger sizes or in greater quantities than those listed herein.

## WEEPING TREES

**Birch, Cut-leaf Weeping.** Probably the most popular of all weeping trees. Vigorous grower; graceful, drooping branches; silvery white bark and delicate cut foliage. Desirable for street or lawn. Each Per 10  
 5 to 6 feet..... \$1.00 \$9.00  
 6 to 8 feet..... 1.25 10.00  
 2½ inch diameter..... 3.50 .....

**Maple, Wier's Cut-Leaved.** A variety of Silver Maple with finely cut foliage. Its growth is rapid; branches slender and drooping and as graceful as the Cut-Leaf Weeping Birch. Each Per 10  
 8 to 10 feet..... \$1.15 \$10.00  
 10 to 12 feet..... 1.75 15.00

**Mulberry, Tea's Weeping.** One of the prettiest of all Weeping Trees. Grafted on stems about six feet from the ground and forms an umbrella-shaped head with long, slender branches, drooping to the ground. Each  
 2 year head ..... \$2.00

**Willow, Wisconsin Weeping.** Probably the hardiest and best of the larger growing Willows. Very attractive. Each Per 10  
 6 to 8 feet..... \$0.60 \$5.00  
 8 to 10 feet..... .75 6.00



CUT-LEAF WEEPING BIRCH

## PLANTING SUGGESTIONS

**I**N ORDER that you may better understand the various purposes for which different varieties of Ornamental Trees are best used, we have classified the most desirable varieties as follows:

**For Streets, Roads and Wide Avenues:** American Elm, European Sycamore, Silver Maple and Norway Maple.

**Large Trees Desirable for The Lawn:** Cut-leaf Weeping Birch, Horse Chestnut, Schwedler's Maple, Norway Maple, Wier's Maple, Weeping Willows.

**Small and Medium Ornamental Trees for the Lawn:** Catalpa bungei, Bechtel's

Flowering Crab, Magnolia soulangeana, Prunus pissardi, Tea's Weeping Mulberry.

**Fastest Growing Trees:** Oriental Plane (European Sycamore), Silver Maple, Wier's Cut-leaf Maple, Western Catalpa.

**Evergreens Best Adapted to Windbreaks and Screens:** American Arborvitae, Pyramidal Arborvitae, Norway Spruce.

## HARDY ORNAMENTAL SHRUBS

THE PLANTING of Shrubs adds greatly to the beauty and value of the home. In the following list of Shrubs, you will find sorts that will bloom from early spring until late summer and some of the sorts will follow with ornamental berries until late in the winter.

Shrubs are most ornamental when they are planted in masses, against buildings, fences or property lines, or as border plantations along walks or drives, although some are exceedingly beautiful when planted as single specimens.

We have described only the very best shrubs, but we are in a position to supply anything in this line you may desire to plant.

**Althea** (Rose of Sharon). Hardy Shrubs with handsome, large flowers which appear in September at a time when few other shrubs are in bloom. Will grow to 10 feet high if not pruned back.

	Each	Per 10
Single and Double Red,		
White and Purple, 2 to 3 feet..	\$0.50	\$4.00

	Each	Per 10
Single and Double Red,		
White and Purple, 3 to 4 feet..	.60	4.50

**Berberis thunbergi**. See page 21, under Hedge Plants, for description and prices.

**Buddleia** (Butterfly Bush). One of the most admired shrubs in our nurseries. Beautiful lilac-colored flowers are borne on spikes frequently ten inches long.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00

**Calycanthus floridus** (Sweet-scented Shrub). A very desirable shrub, extensively cultivated for its large, brown, fragrant flowers which appear in early summer. Rather a dwarf growing shrub.

	Each	Per 10
1½ to 2 feet.....	\$0.30	\$2.75

**Clethra alnifolia** (Sweet Pepper Bush). This small shrub is valuable for the front of a border. In late summer it is covered with white flowers which are very fragrant.

	Each	Per 10
1½ to 2 feet.....	\$0.40	\$3.50

**Chionanthus Virginica** (White Fringe). Large, hardy shrub with smooth, dark green leaves. Produces graceful panicles of white, fringe-like flowers.

	Each	Per 10
2 to 3 feet.....	\$0.75	\$6.00

**Cornus sibirica** (Siberian Red Osier). An upright shrub with upright, bright, blood-red branches. Flowers creamy white, in numerous small flat-topped clusters, followed by light blue berries. Grows from 6 to 10 feet high.

	Each	Per 10
2 to 3 feet.....	\$0.40	\$3.50

**Cornus stolonifera** (Red Osier Dogwood). This medium-size shrub has smooth, slender, spreading branches which are dark red in winter. Flowers white followed by white berries.

	Each	Per 10
2 to 3 feet.....	\$0.45	\$4.00

**Cornus Elegantissima Variegata**. Similar to the preceding, with silver and green variegated foliage.

	Each	Per 10
2 to 3 feet.....	\$0.60	\$5.50

**Cydonia Japonica** (Japan Quince or Fire Bush). Ornamental, spiny shrub with glossy foliage of reddish tinge. In early spring, deep scarlet flowers are borne in great profusion. Bears pruning well and is desirable for hedges or training against walls or fences.

	Each	Per 10
18 to 24 inches.....	\$0.35	\$2.25

**Deutzia gracilis** (Slender Deutzia). Small, usually about 2 feet high. Leaves bright green; white flowers in graceful nodding racemes appear in June.

	Each	Per 10
15 to 18 inches.....	\$0.50	\$4.00

**Deutzia Lemoinei**. Similar to Deutzia gracilis, but more vigorous and showier flowers. Grows to a height of about three feet.

	Each	Per 10
1½ to 2 feet.....	\$0.50	\$4.00

## HARDY ORNAMENTAL SHRUBS—Continued

**Deutzia, Pride of Rochester.** A vigorous grower with very large, double white flowers. A very valuable variety.

	Each	Per 10
2 to 3 feet.....	\$0.40	\$3.50
3 to 4 feet.....	.50	4.00

**Euonymus europaeus (Strawberry Tree).** Small tree at its best in autumn when the leaves are brilliant scarlet. It bears rose colored berries which hang in clusters till midwinter.

	Each	Per 10
2 to 3 feet.....	\$0.40	\$3.00
3 to 4 feet.....	.50	3.50

**Exochordia grandiflora (Pearl Bush).** A large shrub, growing to 8 or 10 feet. Leaves bright green; flowers dazzling white, produced in numerous terminal racemes.

	Each	Per 10
2 to 3 feet.....	\$0.55	\$5.00
3 to 4 feet.....	.60	5.50

**Forsythia intermedia.** An erect growing shrub with arching branches; bright yellow flowers which appear in May.

	Each	Per 10
2 to 3 feet.....	\$0.40	\$3.50
3 to 4 feet.....	.50	4.00

**Forsythia suspensa (Drooping Golden Bell).** A graceful shrub with long and slender drooping branches. The leaves, which stay on the plant until frost, are dark green. Flowers golden yellow. Grows to 8 feet. Very showy.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00
3 to 4 feet.....	.60	5.00



HYDRANGEA  
PANICULATA GRANDIFLORA

**Hydrangea arborescens grandiflora alba.** Very large, snowball-like flowers which appear in July, ahead of the other Hydrangeas. This plant is perfectly hardy, new and should be extensively cultivated.

	Each	Per 10
18 to 24 inches.....	\$0.50	\$4.00
2 to 3 feet.....	.55	5.00

**Hydrangea paniculata grandiflora.** The most popular Hydrangea and one of the showiest shrubs in cultivation. Too well known to require further description.

	Each	Per 10
18 to 24 inches.....	\$0.40	\$3.50
2 to 3 feet.....	.50	4.00
Tree-form, 3 to 4 feet...	1.00	7.50

**Kerria Japonica.** These shrubs attract because of their light green stems and branches and deeply wrinkled, bright green leaves. In June and at intervals during the summer they are covered with orange-yellow flowers.

	Each	Per 10
18 to 24 inches.....	\$0.60	\$5.00

**Kerria Japonica Variegata.** Similar to the above in branch and bloom, but is of dwarf growth and has beautiful silver and green variegated foliage. Valuable for shrub borders.

	Each	Per 10
18 to 24 inches.....	..\$0.75	\$6.00

**Lilacs.** We can supply these beautiful shrubs in both bush and tree form. We have single and double white, single and double purple, blue and violet purple. In ordering, please state color desired.

	Each	Per 10
Bush Lilacs, 2 to 3 feet....	\$0.45	\$4.00
Tree Lilacs, 3 to 4 feet....	.60	5.00

**Lilacs, Persian.** Dwarf growing species of Lilacs with slender, arching branches and fine fragrant trusses of purple flowers.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00

**Lonicera (Bush Honeysuckle).** Pretty soft-leaved shrubs with delicate fragrant flowers followed in the fall by colored berries. The flowers are of characteristic Honeysuckle odor and one flower is often

## HARDY ORNAMENTAL SHRUBS—Continued

sufficient to scent a whole room. There are many varieties of this valuable shrub. Below we are naming only the best.

*Lonicera bella albida*. Flowers white, followed by long strings of red berries which remain all summer.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00
3 to 4 feet.....	.60	5.00

*Lonicera Morrowi* (Japanese Bush Honeysuckle). Branches spreading. Downy purple leaves, white, fragrant flowers turning to yellow. 4 to 6 feet high.

	Each	Per 10
2 to 3 feet.....	\$0.45	\$4.00
3 to 4 feet.....	.60	5.00

*Lonicera Tartarica alba* (Tartarian Honeysuckle). Tall growing shrubs attaining a height of 8 to 10 feet. Bears great quantities of white flowers followed by red and orange berries. Very ornamental.

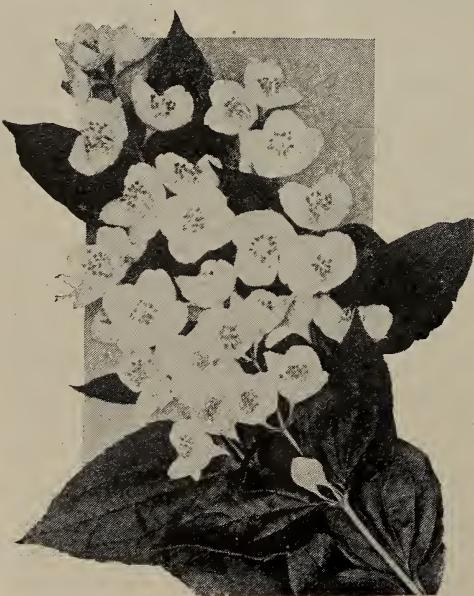
	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00
3 to 4 feet.....	.60	5.00

*Lonicera Tartarica rubra*. Similar to the above, but bears deep pink flowers.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00
3 to 4 feet.....	.60	5.00

*Mahonia aquifolia* (Holly-leaved Mahonia). Medium-sized shrub; handsome glossy green foliage which is evergreen. Bright yellow flowers are borne in May, followed by bluish berries. Very ornamental.

	Each	Per 10
18 to 24 inches.....	\$0.50	\$4.00
2 to 3 feet.....	.75	7.00



PHILADELPHUS (Mock Orange)

*Philadelphus aureus* (Golden Syringa). Dwarf, compact growing shrub; valuable for contrasting in groups. Probably the best golden-leaved shrub in cultivation.

	Each	Per 10
15 to 18 inches.....	\$0.65	\$6.00

*Philadelphus coronarius* (Garland Syringa). Upright growth, arching branches, attaining a height of 8 to 10 feet. Flowers creamy white, very fragrant, borne in great profusion. Very desirable for background or screen.

	Each	Per 10
2 to 3 feet.....	\$0.40	\$3.50
3 to 4 feet.....	.50	4.00

*Philadelphus grandiflorus*. Similar to the above excepting the flowers are somewhat larger. Sometimes called Large Flowered Mock Orange. Very fragrant, appear in June.

	Each	Per 10
3 to 4 feet.....	\$0.50	\$4.00
4 to 5 feet.....	.55	5.00

*Rhodotyphus Kerrioides* (White Kerria). Beautiful golden-green, corrugated foliage shrub, with white flowers resembling those of a small rose. These flowers appear in early June and are followed by large black berries which are very showy.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00

*Rhus Cotinus* (Purple Fringe or Smoke Bush). In June this shrub bears large masses of purplish flowers giving the appearance of smoke, hence its name. In Fall the leaves change to varying shades. Very unique.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00

*Sambucus Aurea* (Golden Elder). Thrifty shrubs that will do well in any locality when planted where it can receive sunlight. The foliage is beautiful bright golden-yellow and very striking when planted in masses. Naturally grows tall, but can be pinched back to a compact little bush.

	Each	Per 10
2 to 3 feet.....	\$0.50	\$4.00

*Spirea Anthony Waterer*. Similar to the above with bright rosy crimson flowers. Blooms until fall and is one of the best dwarf growing shrubs. A very desirable flowering hedge plant.

	Each	Per 10
18 to 24 inches.....	\$0.50	\$4.00

**Spirea billardii.** Hardy, upright shrub, 4 to 5 feet high. Flowers bright pink, produced in long panicles in June. Very showy and attractive. Each Per 10  
2 to 3 feet..... \$0.40 \$3.50

**Spirea Douglasi.** Rose colored flowers are borne on this shrub in dense terminal panicles. Leaves are covered with white down beneath, giving the shrub a beautiful gray appearance. Each Per 10  
2 to 3 feet..... \$0.40 \$3.50

**Spirea Prunifolia fl. pl.** The original Bridal Wreath. Small, round, shiny leaves that take on beautiful colors in Autumn. small white flowers cover the shrub in May. Each Per 10

2 to 3 feet..... \$0.50 \$4.00

**Spirea Thunbergi.** Low, bushy shrub with delicate green, feathery foliage which takes and retains lovely tints in Autumn. Small white flowers appear in abundance in May. Hardy anywhere. Each Per 10  
18 to 24 inches..... \$0.50 \$4.00

**Spirea Van Houttei** (Bridal Wreath). A grand and graceful shrub with numerous arching branches. Leaves small, dark green; flowers white, borne in clusters, completely covering the shrub in early summer. One of the most beautiful and popular shrubs in cultivation. Recommended for specimens for the lawn or for flowering hedges. As this shrub is generally in bloom on Decoration Day, it is the handsomest shrub for cemetery planting and especially recommended for this purpose. Each Per 10

2 to 3 feet..... \$0.30 \$2.50  
3 to 4 feet..... .40 3.50  
4 to 5 feet..... .50 4.00

**Symporicarpus vulgaris** (Coral Berry or Indian Currant). Dwarf shrub of graceful habit; clusters of small purple fruit which hang on the plant throughout the winter.

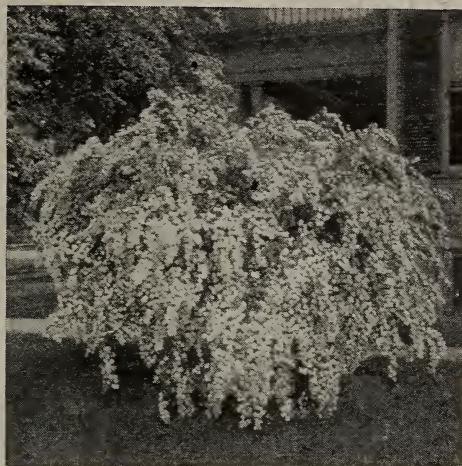
Each Per 10  
2 to 3 feet..... \$0.40 \$3.50  
3 to 4 feet..... .50 4.00

**Symporicarpus racemosus** (Snowberry). An old, well known shrub with small pink flowers followed with clusters of waxy white berries which hang on the plant through the greater part of the winter.

Each Per 10  
2 to 3 feet..... \$0.40 \$3.50  
3 to 4 feet..... .50 4.00

**Tamarix africana.** These large shrubs have foliage resembling Asparagus leaves, which has a drooping feathery appearance. Pink flowers in great profusion are borne in early Summer giving a very charming effect. Each Per 10

18 to 24 inches..... \$0.40 \$3.50  
2 to 3 feet..... .50 4.00



SPIREA VAN HOUTTE

**Viburnum opulus** (High Bush Cranberry). This shrub has broad and elegant foliage and creamy white flowers which are followed by large clusters of crimson berries which persist on bare branches far into the winter. Very beautiful. Each Per 10

2 to 3 feet..... \$0.40 \$3.50  
3 to 4 feet..... .50 4.00

**Viburnum opulus sterilis** (Snowball). A grand, old-time shrub with handsome, white flowers in large globular clusters appearing in May.

Each Per 10  
2 to 3 feet..... \$0.40 \$3.50  
3 to 4 feet..... .50 4.00

**Viburnum plicatum** (Japanese Snowball). A handsome shrub with showy white flowers borne in globular clusters and exceedingly beautiful foliage.

Each Per 10  
2 to 3 feet..... \$0.75 \$6.00

**Weigelia candida.** A hardy, free flowering shrub of spreading habit growing to 5 feet high. Very large, pure white flowers, borne in profusion in June. Best white Weigelia.

Each Per 10  
2 to 3 feet..... \$0.50 \$4.00  
3 to 4 feet..... .60 5.00

**Weigelia Eva Rathke.** Growth similar to the above. Flowers deep carmine-red. Best red Weigelia.

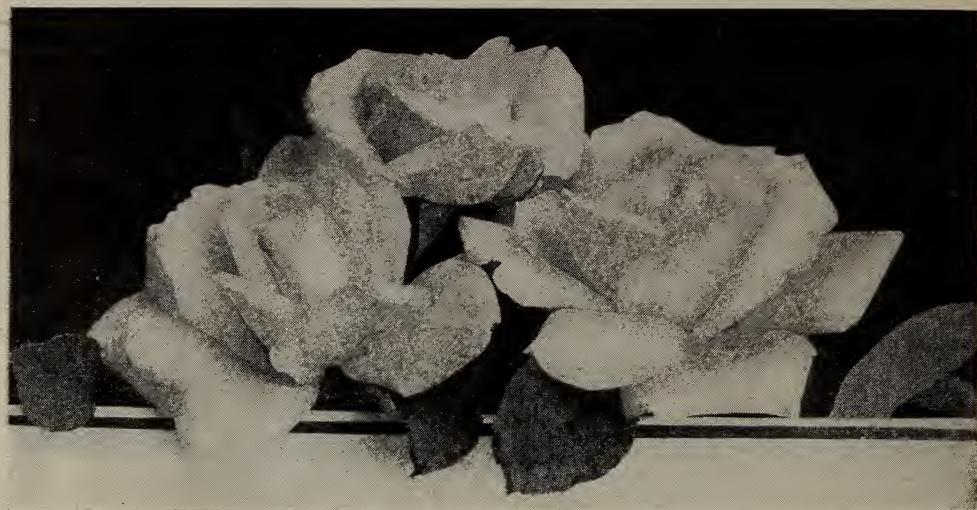
Each Per 10  
2 to 3 feet..... \$0.60 \$5.00

**Weigelia rosea.** Very hardy, compact growing sort. Rose colored flowers in great profusion.

Each Per 10  
2 to 3 feet..... \$0.50 \$4.00  
3 to 4 feet..... .60 5.00

**Weigelia rosea variegata.** One of the very best variegated leaved shrubs. Leaves bordered creamy white; flowers light pink; shrub dense and compact.

Each Per 10  
1½ to 2 feet..... \$0.50 \$4.00



FRAU KARL DRUSCHKI

## ROSES

**R**OSES should be planted where they will receive sunlight for at least half the day. In planting, avoid trees and the shady sides of buildings. Well-rotted stable manure or bone meal should be spaded into the soil on which they are to be planted. Our Roses should be pruned back to six inches as soon as they are planted.

We grow only the hardy varieties as we have found that they are the most satisfactory for the North Central States. Please do not compare our strong, field-grown plants with the small inferior cutting plants generally sent out by mail order houses. Our Roses with the exception of one or two varieties of Climbers are all budded on hardy root stalks imported from France. The roots all have grown in our nursery rows for two years and the tops for one year. No thriftier or harder Roses can be grown.

### PRICES ON ROSES

	Each	Per 10
Bush Roses .....	\$0.70	\$6.00
Frau Karl Druschki ....	.75	7.00
Ramblers and Climbers....	.60	5.50

### BUSH ROSES

**Anna de Diesbach.** Brilliant crimson; large, finely formed flowers.

**Baby Rambler.** Shapely, compact, bushy plant about 18 inches high, producing very double crimson flowers in great profusion from Spring until frost. Desirable for bedding or hedge.

**Baron de Bonstetten.** Beautiful dark red, changing to velvety-maroon. One of the best dark roses.

**Crested (Moss Rose).** Deep pink buds surrounded with a mossy fringe and crest; fragrant.

**Frau Karl Druschki.** Pure white, large flowers, perfect in form. The handsomest white rose in cultivation.

**Gen. Jacqueminot.** Large, velvety flowers of intense maroon-scarlet. Most popular rose grown.

**Gruss an Teplitz.** Blooms constantly during entire growing season. Reddest of all Red Roses. Exceedingly beautiful.

**Killarney.** Bright pink. Buds are long and of exquisite form and fragrance.

**White Killarney.** Same as Killarney in all respects except color. Pure white.

**Magna Charta.** Bright pink, suffused with carmine; very large, full and fragrant with magnificent foliage. A free and luxuriant bloomer.

**Marshall P. Wilder.** Large, perfect, dark red flowers. One of the best.

**Mrs. J. H. Laing.** Satiny, soft clear pink. Best light pink rose.

**Paul Neyron.** Immense bright crimson-pink flowers. Blooms continuously. Largest rose known.

**Soleil d'Or.** Dwarf, slow growing variety, hardy and very desirable yellow variety. Yellow shaded with orange or reddish gold, very double and exquisitely perfumed.

**Tom Wood.** Brilliant cherry red; large and very double, perpetual in bloom. Plant almost free from thorns. One of the most satisfactory red roses.

**Ulrich Brunner.** Brilliant cherry-red, immense flowers; handsome foliage. Superior to American Beauty as a garden rose as it is hardy, while American Beauty is not.

## ROSES—Continued



EUGENE FURST

**Flower of Fairfield.** Everblooming crimson rambler. This new climber is not only effective for covering walls or trellises, but attractive for table decorations.

## CLIMBERS AND RAMBLERS

**Baltimore Belle.** Pale blush, nearly white, very double; blossoms in clusters.

**Climbing American Beauty.** Glowing crimson-red. Beautiful glossy, green foliage which retains its brightness during the entire season.

**Crimson Rambler.** Flowers rich crimson, borne in clusters. One of the fastest growing climbers. Handsome foliage. One of the best Climbing Roses.

**Dorothy Perkins.** Flowers clear shell pink, borne profusely in numerous clusters. Foliage lustrous, bright green. A grand rose.

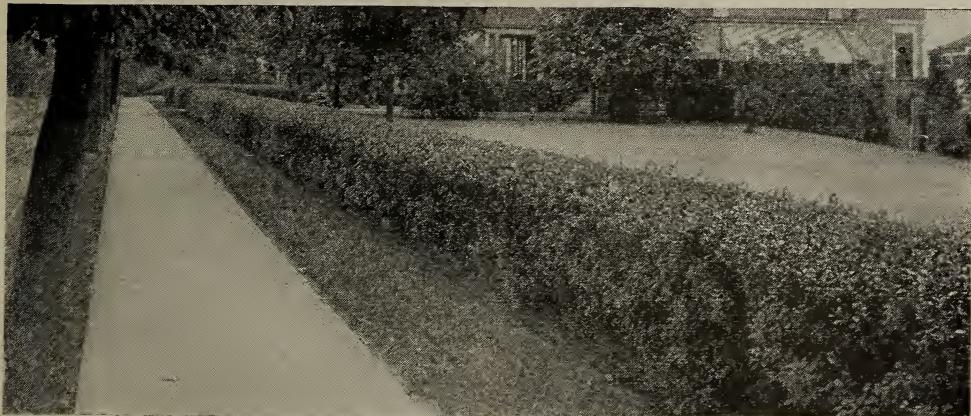
**Eugene Furst.** Velvety-crimson shaded crimson-maroon. One of the most beautiful.

**Excelsa (Red Dorothy Perkins).** Similar to Dorothy Perkins except color, which is an intense crimson-maroon.

**White Dorothy Perkins.** Similar in growth to Dorothy Perkins, except that it bears white flowers in profusion.

## HEDGE PLANTS

**NOTHING** is more beautiful than a well-grown, neatly trimmed hedge. They are rapidly replacing fences and are very effective for protection and separation, besides being a delight to the eye. In starting a hedge, the plants should be set in two rows, a foot between the rows, and the plants set alternate, a foot apart in the row. Pruning should commence as soon as the limbs get large enough to form the required size of the hedge. Frequent pruning will cause the hedge to thicken up.



PRIVET HEDGE

**California Privet.** Most popular and one of the very best Hedge Plants. Stands close trimming exceedingly well. Leaves, oval, dark green and glossy. Make a very desirable hedge.

Per 10 Per 100

18 to 24 inches.....	\$1.00	\$8.00
2 to 3 feet.....	1.25	9.00
3 to 4 feet.....	1.50	10.00

**Berberis thunbergi** (Thunberg's Barberry). A graceful shrub of low, dense

habit. Leaves small, bright green, which in fall change to dazzling tones of orange, scarlet and crimson. Large, bright red berries appear in the fall and brighten the stems far into the winter. One of the most beautiful shrubs in cultivation. Makes one of the best hedges.

	Each	Per 10	Per 100
15 to 18 inches...	\$0.25	\$2.00	\$15.00
18 to 24 inches...	.30	2.50	18.00
24 to 30 inches...	.35	3.25	27.00

## EVERGREEN TREES

**E**VERGREENS are excellent for specimens on the lawn, also for massing, shelters, hedges, etc. Our Evergreens have all been carefully grown, at distances which have allowed symmetrical growth. We ship them from September 1 to October 1, and from April 15 to May 15, which are the best seasons for digging and transplanting them. Some varieties stand transplanting better if dug with a ball of earth about the roots. If you wish your Evergreens to be balled, we charge from 5 to 15 cents extra for each tree, which covers the actual expense of labor in digging them, burlap and twine used on the ball.

**Arborvitae, American** (*Thuya occidentalis*). Pyramidal shape; soft green foliage in spring and summer which changes to brown or bronze in winter. Rapid grower and fine for massing or hedges.

	Each
2 to 3 feet .....	\$0.85
3 to 4 feet .....	1.50
4 to 5 feet .....	2.00

**Arborvitae, Pyramidal** (*Thuya occidentalis pyramidalis*). Similar to American Arborvitae, but is much more compact in growth. Very beautiful.

	Each
2 to 3 feet .....	\$1.75
3 to 4 feet .....	2.00

**Juniper, Irish** (*Juniperus communis hibernica*). A slender, columnar tree; foliage deep green, very compact. Fine for formal planting.

	Each
2 to 3 feet .....	\$1.50

**Retinospora plumosa** (Plume-like Japan Cypress). A rapid growing tree with fine, feather or plume-like foliage of a beautiful, soft green; may be rendered very dense by pruning. The most popular Retinospora.

	Each
2 to 3 feet .....	\$2.25
3 to 4 feet .....	3.00

**Retinospora plumosa aurea** (Golden Japan Cypress). A variety of the above especially attractive in the early summer when the young growth has the brightest golden hue.

	Each
2 to 3 feet .....	\$2.25
3 to 4 feet .....	3.00

**Spruce, Koster's Colorado Blue** (*Picea pungens glauca Kosteriana*). A selected type of the Colorado Blue Spruce. Very beautiful bluish-green foliage; very vigorous and sturdy. One of the most valuable and distinct of all Evergreens.

	Each
2 to 3 feet .....	\$3.00
3 to 4 feet .....	5.00
4 to 5 feet .....	7.50
5 to 6 feet .....	10.00

**Hemlock Spruce** (*Tsuga Canadensis*). A very graceful tree with loose open growth and Yew-like foliage. It can be pruned and kept in dense form. Does best in a

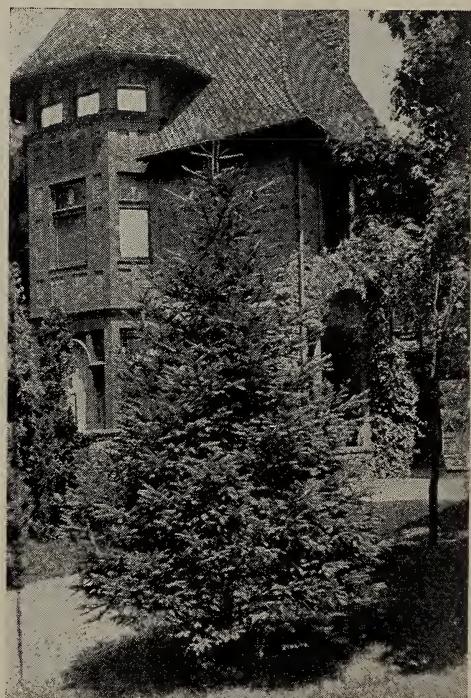
moist soil. Beautiful when used for hedging or as single specimens.

Each

2 to 3 feet .....	\$2.25
3 to 4 feet .....	3.00

**Spruce, Norway** (*Picea excelsa*). A tall and grand tree of rapid growth. Most widely cultivated of the Spruces. Stands shearing very well, making a valuable evergreen hedge. It is widely used for windbreaks and makes a good Evergreen Tree for the lawn. We have an excellent stock of Norway Spruce in all sizes and will be pleased to quote in quantities.

	Each	Per 10
18 to 24 inches .....	\$0.60	\$5.00
2 to 3 feet .....	.75	6.00
3 to 4 feet .....	1.25	10.00
4 to 5 feet .....	1.50	.....



NORWAY SPRUCE

## HARDY CLIMBING VINES

**V**INES are as necessary to the comfort and beauty of the home as trees and shrubs. They tone down the bold stiff angles of new buildings, furnish shade and flowers over porches and trellises.

Except as noted, all vines, strong 2 yr. field grown.

**Ampelopsis quinquefolia** (Virginia Creeper). Of vigorous growth with shiny 3-5 lobed leaves which turn to bright scarlet shades in Autumn. Most beautiful of native climbers. Each 30c; per 10, \$2.50.

**Ampelopsis Veitchii** (Boston Ivy). Leaves deep green in summer, changing to glorious crimson and yellow in autumn. Clings to the smoothest surfaces. One of the best climbers grown. Each, 50c; per 10, \$4.00.

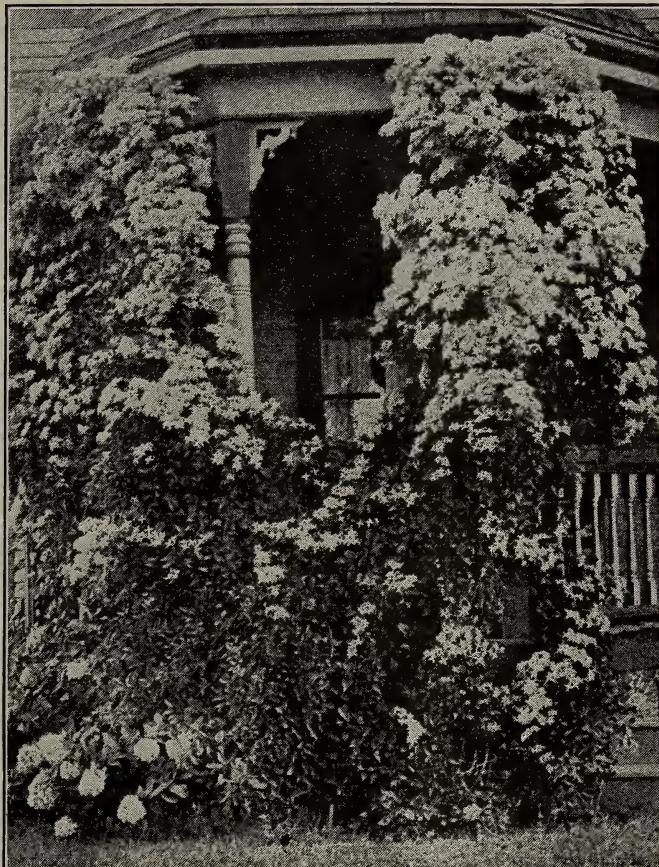
**Bignonio radicans** (Trumpet Flower). A strong, woody vine with large compound leaves and large orange scarlet trumpet-shaped flowers, borne in clusters. Two year; each, 35c; per 10, \$3.00.

**Clematis Henryi.** Very large, creamy-white flowers. Excellent for pillars, trellises, old trees, etc. Strong, field grown plants; each \$0.65.

**Clematis Jackmanni.** Very large, intense violet flowers. The most popular large-flowered clematis. Each, \$0.65.

**Clematis Mad. Edward Andre.** Medium-size, beautiful crimson-red. Each, \$0.65.

**Clematis paniculata.** Medium-size, pure white, fragrant flowers which bloom in immense sheets in September. Each, \$0.40; per 10, \$3.50.



CLEMATIS PANICULATA

**Lonicera halleana** (Hall's Japan Honeysuckle). Flowers white, changing to yellow, very fragrant. One of the best for trellises and ground cover. Each, \$0.40; per 10, \$3.50.

**Lonicera Sempervirens** (Scarlet Trumpet Honeysuckle). Flowers scarlet, trumpet-shape, 2 inches long; very showy. Splendid for porches. Each, \$0.40; per 10, \$3.50.

**Wistaria Sinensis.** Handsome foliage and pale lavender flowers borne in dense drooping clusters, nearly one foot long, opening in Spring. Each, \$0.60; per 10, \$5.00.

## HERBACEOUS AND PERENNIAL PLANTS

**I**N THE past one hundred and fifty years, thousands of new varieties of ornamental shrubs and plants have been introduced and many of them have been discarded, but through all these changes, the old-fashioned hardy perennial plants have withstood the test of time and emerged covered with all the more glory.

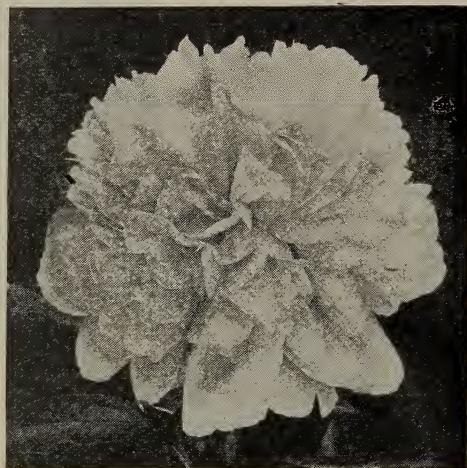
Below we are offering a few of the best old-fashioned perennial plants. They are all large clumps and will bloom the same year they are planted. The tops die down every winter, only to start into growth the next spring larger and stronger plants.

	Each	Per Doz.
Anomones (Windflowers). White, red, pink.....	\$.20	\$2.00
Aquilegia (Columbine). Assorted colors .....	.15	1.50
Campanula (Canterbury Bells). Assorted colors .....	.15	1.50
Coreopsis (Tickweed). Golden yellow .....	.15	1.50
Caladium. Finest plants for tropical effect.....	.20	2.00
Cannas, Any color flower, large assortment .....	.20	1.70
Delphinium (Larkspur). All shades of blue .....	.15	1.50
Dicentra (Bleeding Heart) .....	.35	3.50
Digitalis (Foxglove). White, purple spotted, rose spotted, yellow and brown .....	.20	2.00
Eulalia. Beautiful ornamental grasses .....	.20	2.00
Hemerocallis (Yellow Day Lily) .....	.25	2.50
Hibiscus (Mallows) .....	.25	2.50
Hollyhock. Assorted colors .....	.15	1.50
Iris, German. Assorted colors .....	.15	1.50
Iris, Japan. Assorted .....	.25	2.50
Phlox. Assorted colors .....	.20	2.00
Tritoma Pfitzeri (Red Hot Poker). Rich orange-scarlet.....	.25	2.50
Peonies, Red, White and Pink, Extra Large Clumps.....		\$ 1.00

**Peonies.** Peonies will succeed in any good garden soil or in pots. They are absolutely hardy, not bothered by insects or plant diseases. The foliage is very attractive and the large flowers are magnificent. In planting, the buds should not be covered more than an inch or so. We have a large assortment of the best varieties—deep red, deep rose, rich crimson rose, dark purplish red, pink, cream center, flesh white and pure white. Some varieties bloom early in the Spring and others during the Summer. In ordering, please state whether you wish Spring or Summer blooming kinds and color. We will please you with our selection.

Each	Per 10
Large clumps .....	\$0.75

\$7.50



PEONY

### GUIDE FOR ORNAMENTALS—PLANTING GUIDE

The information in this Price-Catalog will answer any ordinary needs in selecting Ornamentals; however, sometimes we have inquiries from large planters who desire more complete information than we are able to get in this book. To these planters and any one else, we are offering a Guide on planting and selecting varieties of Trees, Shrubs, Vines and Perennial plants. This is a 36-page book crammed full of boiled down information on what to select and what varieties to select for any purpose. It tells you the trees adapted to city planting; trees for winter beauty; weeping trees; most popular trees; trees with autumn colored foliage, for formal effect, etc. It tells you the shrubs that bloom for eight weeks or more; for cut flowers; shrubs attractive in fruit; with variegated foliage; with colored bark; shrubs that resist drought; for cold climates; for sunny and shady situations; for screens and hedges and classifies as to color, blooming season and height all shrubs, perennials, etc. There are many pages of useful information in this book and we offer it to you at less than cost to us. Send us 10 cents in stamps or currency and we will forward your copy at once.

# USEFUL INFORMATION

## AGES AT WHICH APPLE TREES COMMENCE TO BEAR

### 3 TO 5 YEARS

Belmont, Delicious, Duchess, Grimes' Gold-en, Jonathan, Maiden Blush, McIntosh, Red Astrachan, Rome Beauty, Tolman Sweet, Wagener, Wealthy, Western Beauty, Winter Banana, York Imperial.

### 5 TO 8 YEARS

Bailey Sweet, Baldwin, Ben Davis, Fameuse Golden Russet, Golden Sweet, Gravenstein, Hubbardson, King, Lowell, Munson Sweet, Northern Spy, R. I. Greening, Roxbury Russet, Stayman's Winesap, Sweet Bough.

## SHRUBS FOR SHADY PLACES

Azaleas	Deutzias	Mahonia aquifolia
Barberry	Forsythia	Privet
Calycanthus	Golden Elder	Weigelia
Cornus	Indian Currants	Snowberries

## SHRUBS THAT HAVE ATTRACTIVE BERRIES

Barberry	Honeysuckles, Bush	Rhodotyphus
Cydonia Japonica	Indian Currant	Snowberries
Dogwood (Cornus)	Mahonia	Viburnums
Golden Elder		

## ORDER IN WHICH BEST SHRUBS FLOWER

MAY	JUNE	JULY
Barberry	Calycanthus	Hydrangea arborescens
Deutzia crenata	Cornus (Dogwood)	Indian Currant
Exochordia	Deutzias (in variety)	Snowberries
Forsythias	Euonymus	Spirea Douglasi
Honeysuckles, Bush	Golden Elder	
Japan Quince	Kerria Japonica	AUGUST and
Lilacs, Persian	Lilacs	SEPTEMBER
Mahonia	Purple Fringe	Altheas
Philadelphus (in variety)	Snowball	Buddleia
Spirea Thunbergi	Spirea Anthony Waterer	Clethra
Spirea Van Houttei	(All season)	Hydrangea paniculata
Tamarix	Weigelia	Spirea Callosa alba
Viburnum opulus		Weigelia Eva Rathke

## HARDY SHRUBS ARRANGED AS TO HEIGHT

TALL	MEDIUM	DWARF OR SMALL
Altheas	Buddleia	Azaleas
Cornus (Dogwood)	Calycanthus	Barberry
Euonymus	Cydonia Japonica	Clethra
Exochordia	Deutzia, Pride of Rochester	Deutzia gracilis
Lilacs	Forsythias	Deutzia Lemoine
Honeysuckles, Bush	Hydrangeas	Kerria japonica variegata
Philadelphus (Mock Orange)	Kerria Japonica	Mahonia
Purple Fringe	Rhododendrons	Philadelphus aureus
Snowball	Rhodotyphus	Spirea Anthony Waterer
Tamarix	Spirea billardi	Spirea Callosa alba
Viburnum opulus	Spirea Douglasi	Spirea thunbergi
White Fringe	Spirea prunifolia	Weigelia variegata
	Spirea Van Houttei	
	Symporicarpus (in variety)	
	Weigelia (in variety)	

**WE** have been established  
here for 43 years.

Thousands of our best fruit  
growers are our best friends.

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be satisfied with our stock.

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any time concerning your  
orchard or landscape prob-  
lems.

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